University of California
College of Agriculture
Agricultural Experiment Station
Berkeley, California

STATISTICAL SUPPLEMENT to Ag. Exp. Sta. Cir. 366

The Dairy Situation in California--1947

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February, 1947



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Table 1
Population of United States, Western States, and California

		Population	edirentariota i dan	Per cer	rt change, 1	925=100
	United	Western		United	Western	
Year	States	States	California	States	States	California
		Thousands			Per cent	
1925	114,867	10,509	4,634	100.0	100.0	100.0
1926	116;552	10,801	4,854	101.4	102.8	104.7
1927	118;197	11,093	5 , 073	102.9	105.6	109.5
1928	119,862	11,385	5;293	104.3	108.3	114.2
1929	121,516	11;677	5,513	105.8	111.1	119.0
1930	123,077	11,941	5;709	107.1	113.6	123.2
1931	124,039	12;122	5;824	108.0	115.3	125.7
1932	124,840	12;202	5;894	108.6	116.1	127.2
1933	125,578	12;330	5,963	109.3	117.3	128.7
1934	126,373	12;451	6,055	110.0	118.5	130,7
1935	127;250	12,686	6,175	110.8	120.7	133.3
1936	128,053	12,959	6,341	111.5	123.3	136.8
1937	128,824	13,253	6,528	112.2	126.1	140.9
1938	129,824	13,462	6,656	113.0	128.1	143.6
1939	130,879	13,680	6,785	113.9	130.2	146.4
1940	131,970	13,960	6,964	114.9	132.8	150.3
1941	133,203	14,283	7,228	116.0	135.9	156.0
1942	133,665	14,813	7,664	116.6	141.0	165.4
1943	136,497	16,151	3,468	118.8	153.7	1.82.7
1944	138,101	16,361	8,756	120.2	155.7	188.9
1945	139,800	16,385	8,823	121.7	155.9	190.4
		,	,			
		1				

The data for the United States include estimates of population in the armed forces; those for California and Western States do not.

Sources of data:

Compiled from $U_\bullet S_\bullet$ Bur. Census. Annual Statistical Abstracts of the United States.

U.S. Bur. Census. Estimated Population of the United States by States: 1940 to 1945. Washington, D.C., 1946. (Series P-46, no. 3).

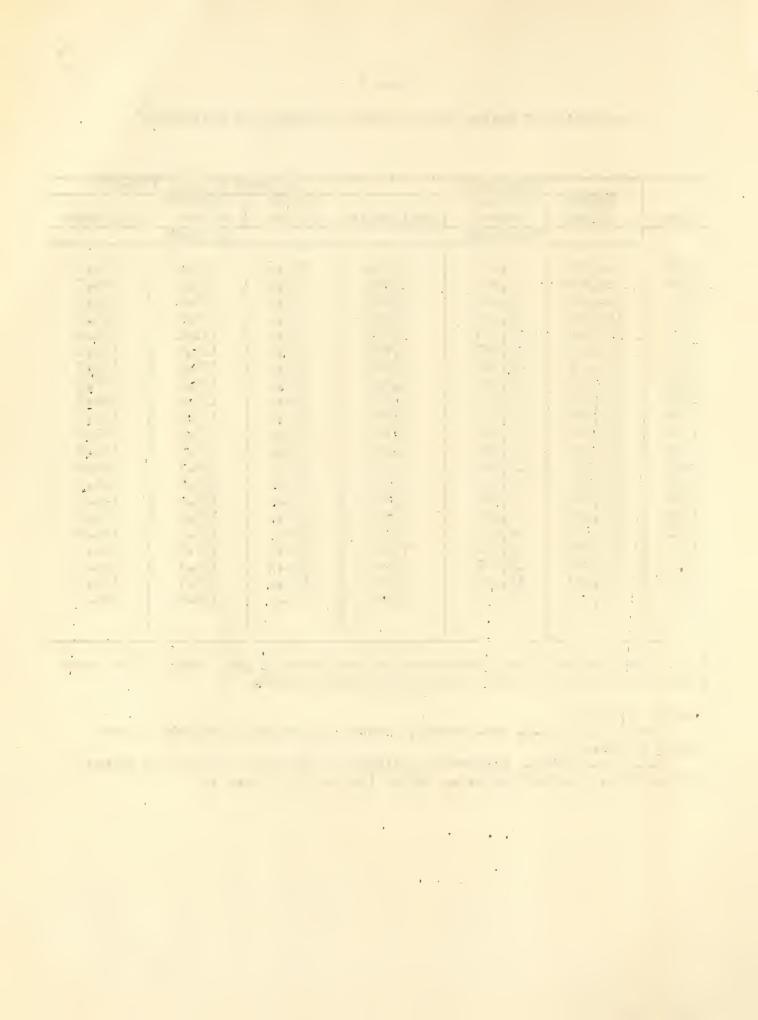


Table 2

Income from Salaries and Wages: United States, Western States, and California

e: Adjusted	ropulation	4	California			100.0	91.0	76.9	61.1	55.4	59.8	6.49	72.4	79.1	74.5	77.6	84.6	104.6	142.4	175.3	179.5	174.2
cent change	growth in	Western	states			100.0	91.0	75.7	59.8	54.1	59.7	65.3	73.4	80.8	75.9	79.4	85.6	106.2	151.2	183.8	189.1	183.8
Per c	for	United	States	cent	lase	100.0	89.4	74.5		52.8		64.6	71.9	6.67	72.6	77.4	84.2	104.3	135.1	163.0	168.7	163.6
	1929=100		California	Per		100.0	95.3	81.2	65.3	59.9	65.7	72.7	83.3	93.6	6468	95.5	106.8	137.1	198.0	2.692	285.0	278.8
	cent change,	Western	states		es diago	100.0	93.1	78.6	62.5	57.1	63.6	70.9	81.5	91.7	87.5	93.0	102.3	129.9	191.0	254.2	264.9	257.9
	Per c	United	States			100.0	9.06	76.1	58.9	54.5	61.9	9.19		84.7	77.5	83.4	91.5	114.3	148.6	183.0	191.7	188.2
			California	lars		3,173	3,026	2,575	2,073	1,901	2,086	2,307	2,643	2,971	2,852	3,030	3,389	4,350	6,282	8,541	9,044	8,847
	Income	Western	states	llion dol		5.614	. 22	41	.50	ૣઌૣ	.57	Q.	,57	, <u>1</u> 4		22	. •	7,293	10,774	14,273	14,874	14,480
		United	States			(V	7,53	39,901	0,60	3,57	2,46	5,45	3,77	44,425	0		47,995	59,943	77,948	95,981	100,567	369,36
		Year			1	1929	9	93	93	0)	93	9	0	1937	1938	63	1940	1941	4	1943		1945

Source of data: U.S. Bur. For. and Dom. Com. Survey of Current Business. Issues of July, 1942; August, 1944; and August, 1945.

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Table 3

Number of Dairy Cows in United States, Western States, and California

1																											
cows per	tion		calliornia			12.4	12.2	11.8	11.4	11.1	10.7	10.5	10.6	10.6	10.3	10.0	6.6	2.6	9.5	9.4	9.3	10.2	8.0	8.9		9.1	
Number of co	100 population	Western	States			18.1	17.7	17.4	17.1	16.9	16.8	17.0	17.4	17.7	17.6	16.5	16.0	15.6	15.3	15.2	15.2	16.1	15.6	14.5	14.4	14.2	
Nu			States		1 mod		18.3	17.9	17.7	17.8	18.1	18.6	19.3	20.0	19.9	19.1	18.7	18.4	18.3	18.3	18.4	18.3	18.8	18.8	18.8	18.3	
	1924=100	9	Calliornia			100.0	103.1	104.9	105.2	106.5	106.6	107.2	108.9	109.9	108.9	107 • 4	109.9	110.6	110.3	111.3	113.6	129.1	131.6	132,1	135.3	139.6	
	Per cent change,	Western	states	Per cent		100.0	100.7	101.3	102.1	103.9	105.7	108.6	113.4	115.0	115.0	109.9	108.8	108.4	108.2	109.4	111.7	120.8	121.4	123.0	124.0	122,1	
	Per ce	United	states			100.0	99.1	98.5	08.7	100.5	103.3	107.5	112.1	116.6	117.2	112,9	111.6	110.3	110.3	111.3	112.9	113,3	117.0	119.3	120.5	118.7	
	ry cows	· · · · · · · · · · · · · · · · · · ·	Calliornia	ds		573	591	109	603	019	611	614	624	630	624	615	630	634	632	638	651	740	754	757	775	800	
	Number of dairy	Western	states	Thousand		1,903	1,916	1,930	1,943		2,011	2,067	2,120	2,188	2,188	2,091	2,071	2,063	2,060	2,081	2,125	2,299	K 3	2,341	2,361	2,324	
	Nu	nite	states			, 50	,3]	,19	22	6	2	10	7,	25,062	15	,27	80.	,71	7.1	92	27	36	16	99,	91	S	urito edire
			rear			2	9	<u></u>	ω	6	0	~	cv.	933	4	2	(0		ω	6	0	1941	942	943		945a	

a Preliminary.

Source of data: U.S. Dept. Agr., Bur. Agr. Econ. Farm Production, Disposition and Income from Milk. Annual Reports.

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Table 4

Production of Milk Fat in United States, Western States, and California

ita		California			28.7	26.8	27.4	26.4	27.0	26.6	26.4	26.5	26.0	25.3	24.9	24.3	24.0	23.9	23.7	23.8	26.7	25.6	23.4	23.8	24.6
on per capita	Western		Pounds		6.	٠,5	10	-7	7.	7.	٠	₹.	ω.	9•	9•	લ્ય	ى -	-7	ಌ	-7	2	• 4·	9.	6.	1.
Production per	United Wes	States Sta		40-74	<u>ټ</u>	31.3 35	31.6 36	31.4 36		6.	32.6 36	32.7 36	32.8 35	31.6 35	31.4 34	31.7 34	31.5 33	32.6 33	32.7 34	cv.	34.4 36	35.4 36	34.4 33	34.2 33	34.9 34
1924=100		California			100.0	97.7	104.5	105.3	112.0	114.3	115.8	117.3	116.5	115.0	115.8	115.8	117.3	118.0	121.1	124.8	145.1	148.1	148.9	156.4	163.2
cent change,	Mestern	States	Per cent	-	100°C	101.6	106.9	1.08.0	113.5	116.2	117.5	117.8	117.2	117.5	116.4	117.5	117.8	120.4	124.1	128.4	138.2	143.0	144.0	147.2	148.0
Per ce	United	States			100.0	103.0	105.2	105.9	109.4	110.6	113.9	114.9	115.9	112.5	112.5	114.2	114.4	119.0	120.6	123.3	128.9	133.2	132.2	133.1	137.3
		California	ds		133	130	139	140	149	152	154	156	155	153	154	154	157	159	161	166	193	197	198	208	217
Production	Western	States	illion poun		377	383	403	407	\sim	3	4	444	4	4	(1)	4	444	454	468	484	521	539	543	555	558
	United	States	M			,65	,73	,76	3,884	,92	04	.07	17	99	99		90	22	28		57	,73		72	87
		Year		-	0,	1926	92	92	92	0	1931	1932	1933	0	9	9	9	1938	9	1940	1941	94	4.7	94	1945a

Preliminary.

Source of data: U.S. Bur. Ag. Econ. Farm Production, Disposition, and Income from Wilk. Annual Reports.

Table 5 Disposition of Milk Produced on Farms

4		70+15				Moctorn	0+0+0	-		Californi	a i u a c	
Disposition of		United Stat	States			- {	2000					
milk	1925	1935	1940	1945	1925	1935	1940	1945	1925	1935	1940	1945
						Quantities	ties					
						Willion	spunod					
Farm usage:			_									
Fed to calves	2,784	2,686	3,090	3,301	318	330	395	430	120	.601	136	154
Milk and cream consumed		n-gin uh sa										1
on farms	11,662	12,646	13,085	11,702	875	1,025	1,076	836	178	204	228	157
Farm butter consumed		T i disampada			-				;			(
on farms	9,278	8,920	7,217	5,688	542	526	405	337	59	28	4.7	42
Sold by farmers:							errollen de 1				Table 6	
As farm butter	3,458	2,261	1,535	1,077	166	86	61	38	13	o	ω	7
Cream sold wholesale	30,417	32,683	33,506	נח	3,906	3,705	3,606	2,136	1,358	880	720	80
Wilk sold wholesale	26,830	35,141	45,997	69,355	2,881	4,502	5,766	9,427	1,358	2,372	2,844	4,940
Milk sold retail	6,270	7,084	6,642	5,559	913	979	954	861	381	415	398	340
Total		101,421 111,	111,072	122,219	109,6	11,165	12,263	14,065	3,512	4,047	4,381	5,720
					Per	cent dis	position					
Farm usage:				-								
Fed to calves	3.1	2.6	2.8	2.7	3.3	3.0	3	3.1	3.4	2.7	3.1	2.7
Milk and cream consumed		- Hillion asserts	ap 1 - 4 Yellion									1
on farms Farm butter consumed	12.9	12.5	11.8	9.6	9.1	0°	ω .	വ	5.1	0	N.	2.
	10.2	8	6.5	4.7	5.7	4.7	3.3	2.4	1.8	1.4	1.1	0.7
Sold by farmers:									Section 1			
As farm butter	3.8	2.2	1.4	6.0	1.7	6.0	0.5	6.3	0.4	0.2	0.2	0.1
Cream sold wholesale	33.5	32.3	30.1	20.9	40.7	33.2	29	15.2	9	21.8	16.4	1.4
Milk sold wholesale	9.62	34.6	41.4	56.7	30.0	40.3	47.0	67.0	38.7	58.6	6.49	86.4
Milk sold retail	6.9	7.0	0.9	4.5	9.5	8.7		6.1	0	10.3	6.1	0 • 9
Total	100.0	100.0	100.0	100.0	0.001	100.0	100.0	100.0	100.0	100.0	100.0	100.0

U.S. Bur. Agr. Econ. Farm Production, Disposition, and Income from Milk. Annual Reports. Source of data:

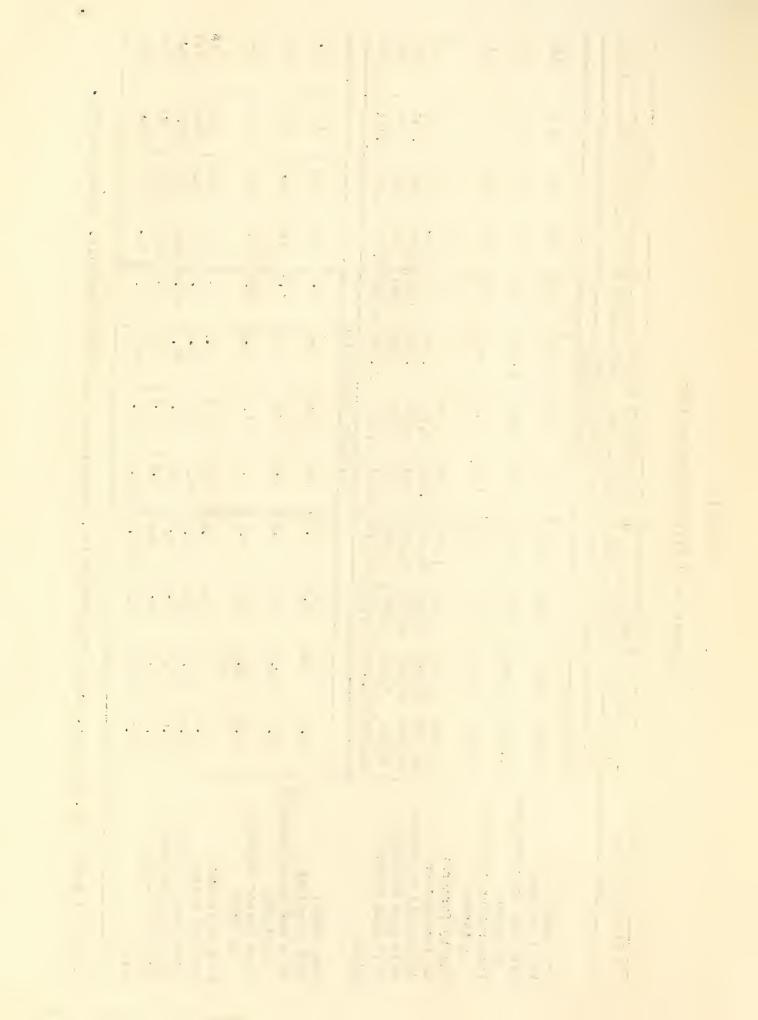


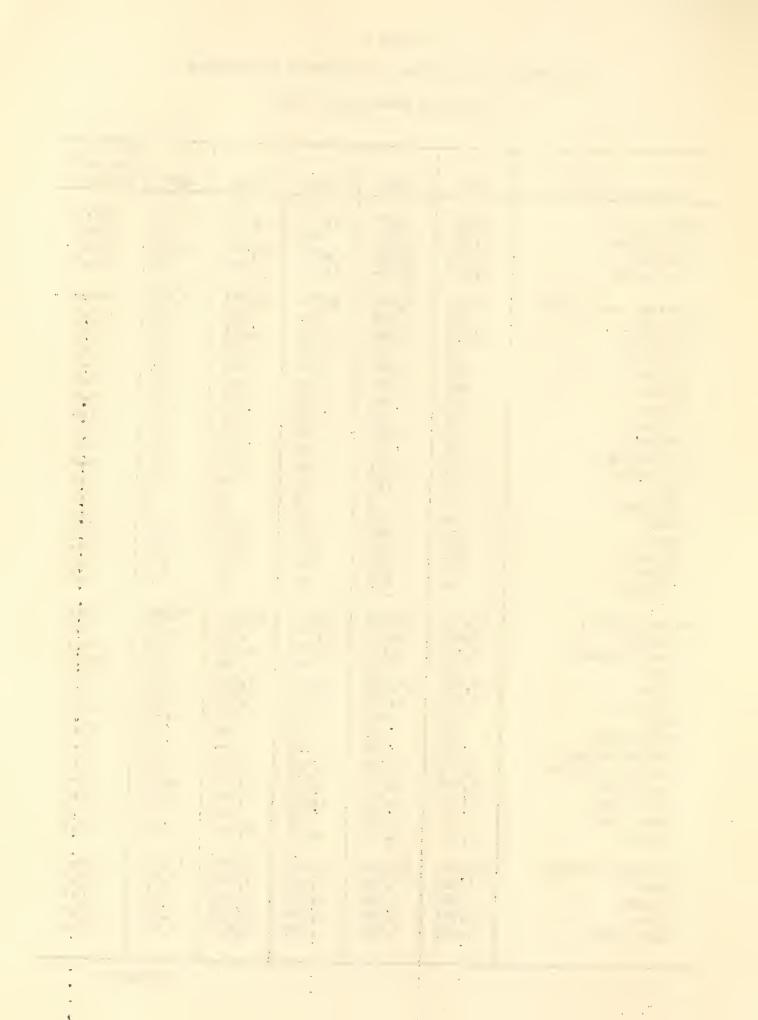
Table 6

Production of Milk Fat in California by Counties

(In 1,000 pounds milk fat)

Area and county	1925	1930	1935	1940	1945	1945 as per cent of 1925
North coast:	9;221	9,356	8,521	8,181	9,273	100.6
Del Norte	1;010	869	823	779	879	87.0
Humboldt	7,151	7,406	6,655	6,404	7,423	103.8
Mendocino	1,060	1,081	1,043	998	971	91.6
Mountain and desert:	4,632	6,292	5,279	5,351	3,979	85.9
Shasta	1390	1514	467	1811	927	237.7
Siskiyou	1,293	1,946	1,821	1,641	980	75.5
Trinity	19	59	22	17	15	78.9
Lassen	594	824	448	403	254	42.8
Modoo	551	719	582	568	32-5	59 °C
Plumas	187	360	253	239	166	88.8
Alpine	19	24	19	2.4	9	47.4
Amador	206	202	154	133	112	54.4
Calaveras	31	81	4.2	41	28	90.3
El Dorado	230	251	252	222	126	54.8
Inyo	202	177	60	79	75	37.1
Mariposa	4	9	3	1	1	25.0
Mono	19	57	4.9	15	8	42.1
Nevada	190	270	251	275	216	113.7
Placer	322	435	462	525	567	176.1
Sierra	302	271	330	313	133	44.0
Tuolumne	68	113	84	44	37	54.4
Central coast:	29;258	30,299	29;135	32,641	36,636	125.2
Alameda	2,491	2,591	2;575	2;284	2,422	97.2
Contra Costa	1,135	1,709	1,417	1,003	, 723	63.7
Lake	1216	1264	1375	1364	1280	129.6
Marin	4,892	4,735	5,588	6,943	7,296	149.1
Monterey	4,968	5,252	4,054	3,606	3,384	68.1
Napa	698	880	860	808	1,207	172.9
San Benito	833	659	599	456	637	76.5
San Francisco	175	68				0.0
San Luis Obispo	3,548	3,505	5,281	3;180	3,113	87.7
San Mateo	1,654	1,732	1,151	1,385	1,556	94.1
Santa Clara	3,317	5,676	3,681	4,546	5,523	166.5
Santa Cruz	514	418	493	1503	588	114.4
Sonoma	4,817	5,030	5,061	7,563	9,907	205.7
Sacramento Valley:	10;351	11,603	12;194	13;452	15;448	149:2
Butte	1,310	1,488	1,485	1,819	1,631	124.5
Colusa	696	842	1,066	668	514	73.9
Glenn	1,461	1;974	. 1,534	2,039	5;399	232.6
Sacramento	2,088	1,915	2,380	2,853	3,848	184.3

Continued



	1					1945 as
						per cent
Area and county	1925	1930	1935	1940	1945	of 1925
terreter responsive des responsables des des des des des responsables de la secución de la secuc						
Solano	1,425	1,507	1;146	1;474	1,542	108,2
Sutter	666	1,066	1,008	1;129	1;143	171.6
Tehama	567	591	696	1;127	1,703	500.4
Yolo	1,726	1,695	2,092	1,439	977	56.6
Yuba	412	525	787	924	781	189.6
		-		-	-	
San Joaquin Valley:	45,176	56;175	53,015	66;843	83,685	185.2
Fresno	4,954	6,343	5,751	7,603	9;727	196.3
Kern	1,497	1,920	2,304	2,762	2,976	198.8
Kings	4;318	4,300	4,783	6,165	7,879	182.5
Hadera	1,524	1,901	1,328	2,065	3;131	205.4
Merced	9,883	11,212	12;276	13,780	17;494	177.0
San Joaquin	6,723	8,550	7,198	9,702	11,399	169.6
Stanislaus	9;104	11,960	12,163	15;442	19,087	209.7
Tulare	7,173	9,489	7,212	9,324	11,992	167.2
I d.Ld.I O	1,10	0,200	1 96 16	0,000	11,000	10100
Southern California:	26;405	38,207	36;520	50;443	56;355	213.4
Imperial	6:371	5,675	3:171	2,273	1.584	24.9
Los Angeles	11,878	17,303	21,272	32;282	34,669	291.9
Orange	1,564	2;794	2,430	3,490	4,644	296.9
Riverside						115.8
San Bernardine	1;293	2,510	1,813	1,940	1;497	-1
	1,760	4;579	2;240	3;152	5;200	295.5
San Diego	1,654	2;134	2,697	3,587	4;543	274.7
Santa Barbara	1,577	2,240	2,028	2,795	2,600	195.4
Ventura	509	672	869	924	1,528	300.2
State total	705 047	3.53 040	744 664	350 077	005 886	304.0
scale cotar	125,043	151,940	144,664	176,911	205,376	164.2
			Per cent	of total	The about the other three days days as	1
	andre sign code code sign consultaments and		101 00110	1		
North coast	7.4	6.2	5.9	4.6	4.5	
Mountain and desert	3.7	4.1	3.7	3.0	1.9	
Central coast	23.4	19.9	20.1	18.5	17.8	
Sacramento Valley	8.3	7.6	8.4	7.6	7.5	
San Joaquin Valley	36.1	37.0	36.6	37.8	40.8	
Southern California	21.1	25.2	25.3	28.5	27.5	
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	~ 1 . 1	20.0	20.0	20.0	2100	
	100.0	100.0	100.0	100.0	100.0	
	200.00	700.0	100.0	100.0	100.0	
		<u> L</u>				

Source of data: Cal. Dept. of Agric. Statistical Reports of California Dairy Products. Annual Reports.

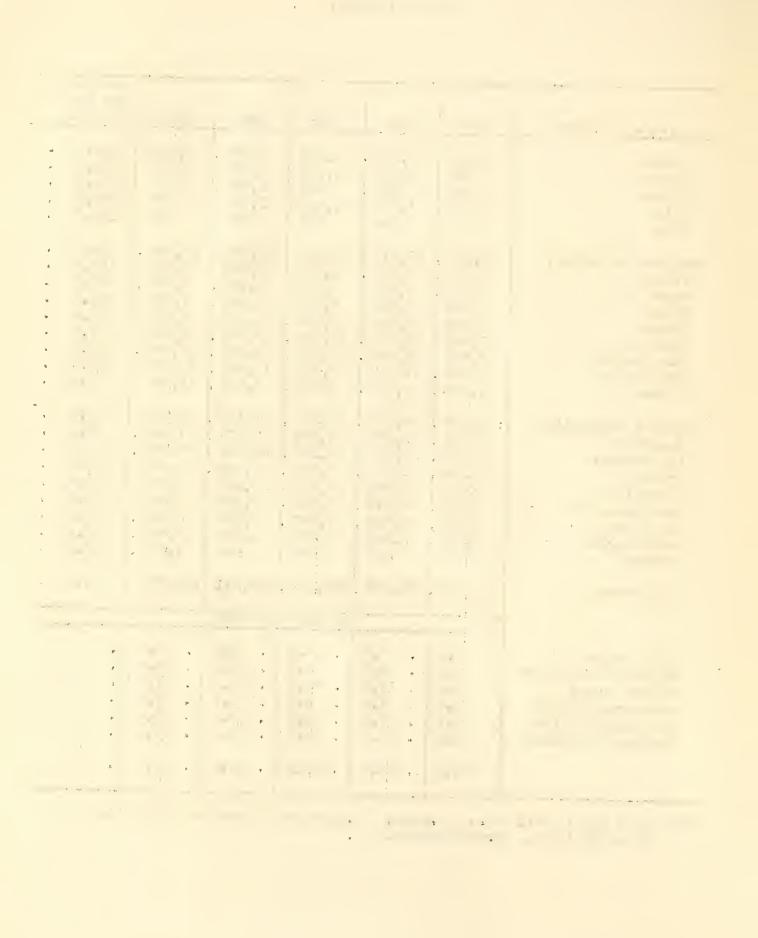
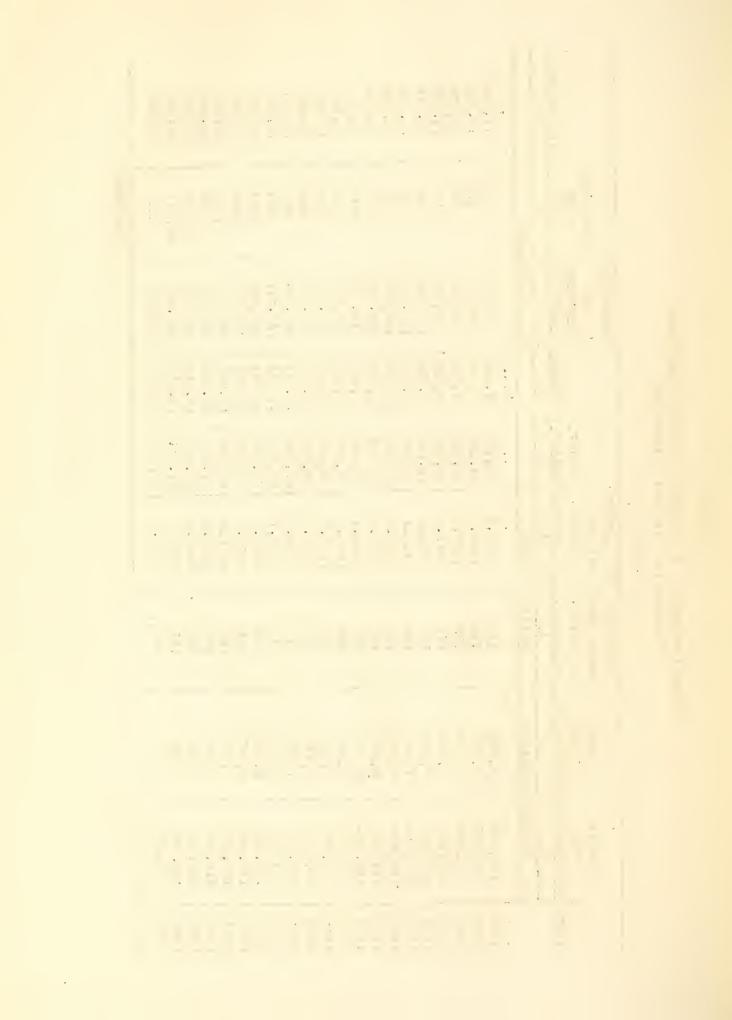


Table 7

Total Froduction of Selected Fat-Containing Dairy Products in California, 1925-1945

	may no despite	Ice cream	6		L.	1,40	2,09	3,	4,05	5,37	14,278	3,54	0	8,784	11,166	o.	15,665	Ó	6,5	19,501	20,360	,54	0,82	30,836	4,33	38,285	
てもなってぶつん	whole	milk	ω	spuno	ć t	20.7	405	219	357	395	407	429	465	618	712	842	626	429	641	843	58	2,898	27	12,683	25,811	§	
Evaporated	condensed	whole milk	7	Thousand pou		78,0X	125,887	171,780	57,88	72,56	85,52	9	208,728	~	,13	\circ	196,195	, 39	183,841	-	250,597	304,812	288,571	269,281	339,002	356,129	
		Cheese	9		(つず	•	8,959	•	CV	,81	0,08	11,995	6,60	,93	,84	16,182	,17	17,086	,38	15,489	7,06		6,14	13,232	3,51	
	Total	butter	5			177,100	77,318	80,125	79,186	74,750	76,072	75,080	76,354	80,406	74,037	4	66,367	67,748	69,552	∞	72,265	65,036	51,512	39,823	31,766	17,631	
	miik and cream ^a	(m. equiv.)	*2"	spunod		1348.8	1485.0	1577.2	1647.3	1721.9	1742.3	1765.5	1742.8	1640.1	1690.4	1779.8	1923.9	1948.0	2034.7	2208.1	2278.0	2371.0	2547.9	2648.1	2767.9	3119.5	
1 12	cream used on farms			Willion		178	174	172	172	5	180	187	190	201	196	204	205	210	211	224	201	196	178	173	157	157	
4	Gream	distributed	2	d gallons		5,766	96	6,128	,52		.2	7,604	9	6,019	5,993	6,510	7,013	7,349	7,871	8,504	8,897	_	7,308	3,313	4,040	4,074	
	Market milk	distributed		Thousand		101,706	108,363		α	132,000	7 . 1	2,4	. 8		128,155	•0	146,223	9,0	_	1,63	NO	0,0	19	-	288,588	329,800	
		Year		,		92	9	1927	9	1929		9	1932	0	1934	9	1936	1937	1938	1939		Q)	1942	1943	1944	1945	

Continued



			Wilk and	All market			Evaporated		
	Market	Market	cream used	milk and			and	Powdered	
	milk	cream	on farms	creama.	Total		condensed	w.hole	
Year	distributed	distributed distributed (m	(m. equiv.)	(m. equiv.)	butter	Cheese	whole milk	milk	Ice cream
	-[2	3	4	5	9	7	ω	6
	Thousar	Thousand gallons	Willion pounds	spunod			Thousand pounds	nds	
1925-1929	118,815	6,280	174	1556.0	77,696	8,664	151,363	429	13,213
1930-1934	128,462	6,735	191	1716.2	76,390	12,889	201,061	526	11,573
1935-1939	149,030	7,449	211	1978.9	67,790	16,333	173,695	919	16,120
1940-1944	227,052	6,462	181	2522.6	52,080	15,723	290,453	10,451	27,981

Fluid milk equivalent of fluid cream obtained by calculating the amount of milk fat distributed annually in the form of cream (as reported by the Cal. Lept. of Agr.) and dividing such annual amounts by 3.8 per Gallons market milk converted to fluid milk equivalent by multiplying annual figures by 8.6. cent, which represents the average annual milk fat test of milk production in California.

Sources of data:

Cols. 1, 2, 5, 8, 9, 10, and 11 from: California Dept. of Agriculture. Statistical Keports of California Dairy Froducts; annual issues.

U.S. Bur. of Agr. Econ. Farm Production, Disposition, and Income from Milk 1924-1940 and subsequent issues. Cols. 3 and 6 from:

Col. 4 = Cols. 1 + 2 + 3.

7 = Cols. 5 + 6. Col.

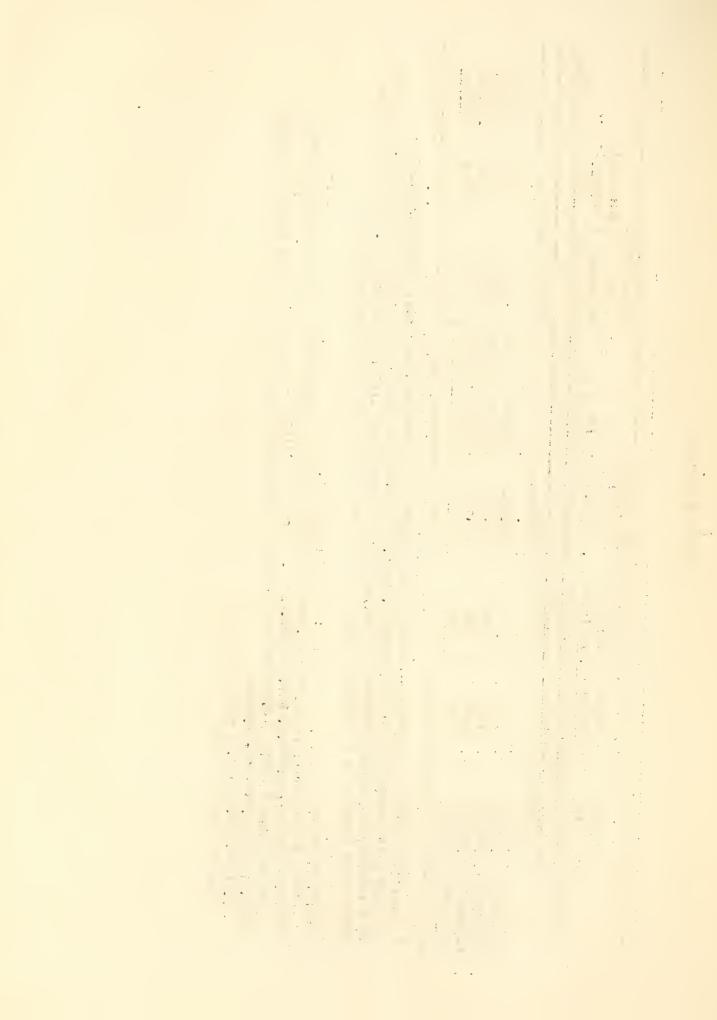


Table 8

Percentage Change in Total Production of Selected Fat-Containing Dairy Products in California

1925 = 100

	Post		Milk and	All market			Evaporated		
	Market	Market	cream	milk			and	Powdered	
	milk	cream	used on	and	Total		ense	whole	
Year	distributed	distributed	farms	cream	butter	Cheese	whole milk	milk	Ice cream
1925	i	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3 6	06.		97	110.1	100.3	109.6	97.8	52.7	105.6
2 0	21.	90	9.96	116.9	103.9	120.9	133.5	28.5	114.2
	26	- 6	9	122.1	102.7	129.6	122.7	46.5	122.7
0	29	22.	9.96	127.7	97.0	24	134.1	51.4	
1930	129.6		101.1	129.2	98.7	132.5	144.2	53.0	
6	30	131.9	105.1	130.9	97.4	136.2	149.2	55.9	
0	25	5	106.7	53	0.66	161.9	162.2	60.5	∞
0	120.1	104.4	112.9	121.6	104.3	224.1	170.9	80.5	
0	26	103.9	110.1	125.3	0.96	215.1	154.7	92.7	-
6	31		114.6	132.0	87.5	213.9	160.4	109.6	10
0	43	۰	115.2	142.6	86.1	218.4	152.5	81.5	36
0	146.5	<u>-</u>	118.0	144.4	87.9	231.8	29	55.9	41
0	49	9	118.5	150.9	90.2	230.6	142.9	83.5	
0	61	~	125.8	163.7	88.0	207.6	167.6	109.8	70
0	70	V.	112.9	168.9	93.7	209.1	194.7	8.902	177.7
6	82	51.	110.1	75	84.4	230.4	236.9	377.3	205.6
0	9	9	100.0	188.9	8.99	225.2	224.2	1,207.8	269.1
94	63		97.2	196.3	51.7	217.9	208.2	1,651.4	69
94	∞	70.1	88.2	205.2	41.2	178.6	263.4	3,360.8	9
94	24	o	88.2	231.3	22.9	182.4	276.7	1	334 2
				1925-1929 = 1	100				
1925-1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0,1	108.1	107.2	109.8	110.3	98.3	148.8	132.8	122.6	87.6
5-19	125.4		121.3	127.3	87.2	188.5	14		122.0
940-19		102.9	104.0	163.1	0.79	81.	191.9	2,036.1	211.8

Source of data: Table 7.

. . . .

Table 9

Per Capita Production of Selected Fat-Containing Dairy Products in California, 1925-1945

gh-room d	-	erest on a	Ice cream	6		4.7th	4	2	Q	2.	5	M	7		ω	0	2.47	4	2,49		2.92		4.02	3.64	6,9	4.34			2.07	•	
	Powdered	whole	milk	œ		17	0.0	70.	.07	-07	-00	•07	• 08	•10	-12	-14	.10	.07	.10	.12	.23	.40	1.21	1.50	2.95	!	60.	60.	.11	1.26	
Evaporated	and	condensed	whole milk	7		27.77	S	62		E. H	ξQ	32.97	5.4	8.9	32.89	3.4	6.0	25.49	7.6	1.7	35.98	2.7	37.65	1.8	38.72	0.3	29.7	34.1	29.9	37.3	
			Cheese	9	Pounds		9	1.77	∞	9.	7.	7.	2.04	2.78	2.63	2.57	2,55	2.63	2.57	2.27	2.22	(1)		1.91	ιΩ.	.5	1.70	-		0	
, (1866)		Total	butter	S T		9•9	50.	15.79	4.9	3.5	3.3	à	23	13.48	S	10.92	0.4	10.38	4					.7	3.63	2.00			10.4	9	-
All market	milk and	cream	(m. equiv.)	4		0	05.9	0	11.2	12.3	305,18	303.14	295.69	0.0	279.17	8.2	3	298.41	5.	5	7.1	8.0	332.45	2.7	16.1	353.56	306.3	291.6		323.3	
Wilk and	cream used	on farms	(m. ecuiv.)			38 41	•	33.90	32.50		31.53	7	32.24	-7	32.37	9	3	32.17	7.	33.01	00	27.12	23.23	2.0	7.9	17.79	34.4	32.4	32.4	3	
	Market	cream	distributed	2	ons		N	1.21	C/3	1.28	ες. •		•	1.01	66*	1.05	•	1.13		1.25	•	1.21	.95	.39	.46	95.	1.24		1.14		fire-t
•	Market	milk	distributed		Gallo	21.95	(5)		24.34	23.94	23.08	22.74	21.69	20.48	21.17	.0	23.06	22.83	.81	Q.	2	25.74	φ ω	31.59	6,3	53	23.	21.8	22.9	28 8	
	TOTAL CO.	in carried that the	Year	AND ASSAULT		0:	\sim \odot	1927	ಾ	0.	0	9	9	1933	00	93	93	93	93	63	94	94	1942	94	9	94	925-19	930-19	1935-1939	940-19	

Source of data: Tables 1 and 7.

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Table 10

Total Production of Selected Fat-Containing
Dairy Products in the United States

	,		Evaporated and	maran i maran di Lamanda andre di Aran di Aran L		Market milk
			condensed		Powdered	and market
Year	Buttera	Cheese	milk	Too oncom	whole milk	eream ^b
Togt	l Ducter	2	3	Ice cream	The second commence of	G eream
		4	0	4 Million	5	
		Million ;	201112		75:77:00	nounda
		MITTITOII	ounas	gallons	111 4 1 4 OI	pounds
1925	1,982.0	443.5	1,757.9	214.4	8.9	40;422
1926	2;075.0	427.4	1,733.5	215.2	10.8	41,065
1927	2;105.0	406.7	1,855.7	226.8	11.5	41,587
1928	2;065.2	437.5	1,918.4	232.2	9.6	42,270
1929	2;140:3	483.9	2,206.6	254.6	13.2	43,084
1930	2;121.0	500.4	2:080.3	240.7	15.4	43,273
1931	2;211.8	492.4	1,970.1	208.3	12.6	43,516
1932	2;275.6	484.1	2:040.3	154.6	12.0	44,069
1933	2,342.5	543.7	2,142.0	148.9	13.0	44,065
1934	2,353.4	579.1	2,171.1	179.6	15.9	42,287
1935	2,171.5	620.7	2,331,2	199.4	19.4	42,974
1936	2;131.3	642.5	2,618.1	245.5	18.2	43,925
1937	2;096;2	648.8	2;507;6	280.9	13.7	44;253
1938	2:240.2	725.3	2,719.5	281.9	21.5	44,358
1939	2,210.4	708.5	2,744.6	304.5	24.5	45,223
1940	2,239.5	785.5	3,145.6	318.1	29.4	45,591
1941	2;267.7	1956.2	4,057.1	390.2	45.6	46,900
1942	2;130.4	1,112.3	4;331.3	464.1	63.2	49,514
1943	2;014.1	993.3	3;976.6	412.1	137.8	53,921
1944	1,817.7	1,016.7	4,508.5	445.2	177.8	56,144
1945°	1,691.1	1,114.8	5,077.7	471.5	217.9	mg 840
		ene en elem en elemente en en elemente.	emotordo, en duran disabilitar, assessar qui assess qu			

a Includes butter made on farms.

o Preliminary.

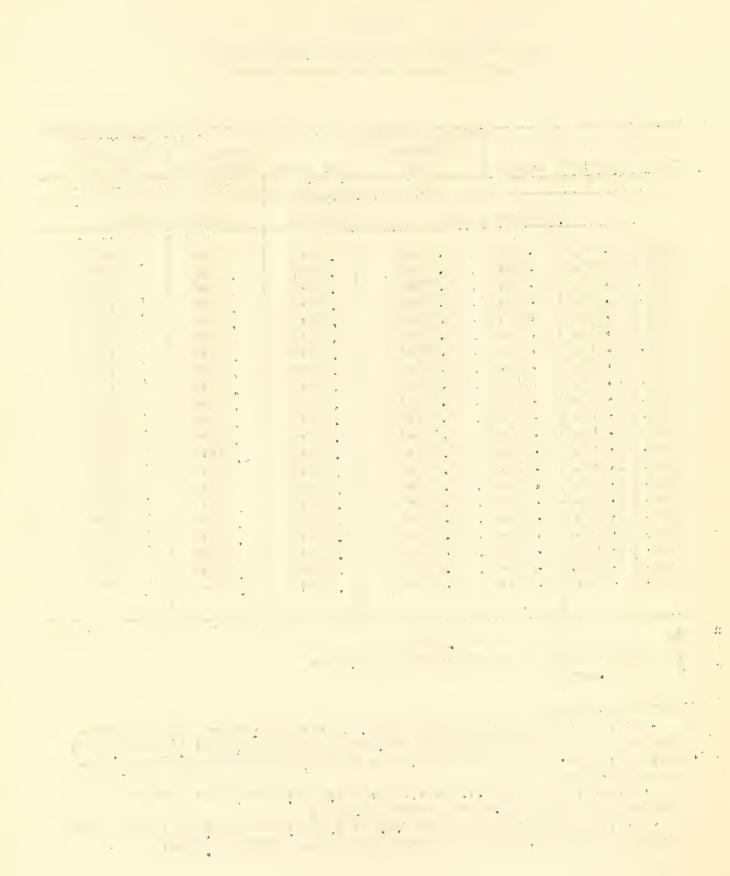
Sources.of data:

Col. 1: Compiled by author from (a) U.S. Dept. Agr. Bur. Agr. Econ. Production of Manufactured Dairy Products. Annual Reports; (b) U.S. Dept. Agr. Bur. Agr. Econ. Farm Production, Disposition, and Income from Mills. Annual Reports.

Cols. 2, 3, 4, and 5: U.S. Dept. Agr. Bur. Agr. Econ. Production of Manufactured Dairy Products. Annual Reports.

Col. 6: Compiled by author from U.S. Dept. Agr. Eur. Agr. Econ. Farm Production, Disposition, and Income from Milk. Annual Reports.

b Includes milk and cream consumed on farms.



Percentage Change in Production of Selected Fat-Containing
Dairy Products in the United States

	,	1	Evaporated and			Market milk
			condensed		Powdered	and market
Year	Butter	Cheese	mill:	Tre cream	whole milk	cream
Toar	Duodel	Office 20	A i le alia sale di sa - Sin - Sin - dinastin - dina-dina dilia apagita - dinastin - dinastin- dinastin di	TOC CI CEMIL	WITOTO IIITTE	OI COIL
1925	100.0	100.0	100:0	100.0	100.0	100.0
1926	104.7	96.4	98.6	100.4	121.3	101.6
1927	106.2	91.7	105.6	105.8	129.2	102.9
1928	104.2	98.6	109.1	108.3	107.9	104.6
1929	108.0	109.1	125.5	113.7	148.3	106.6
1930	107.0	112.8	118.3	1.12.3	173.0	107.1
1931	111.6	111.0	112.1	97.2	141.6	107.2
1932	114.8	109.2	116.1	72:1	134.8	109.0
1933	118.2	122.6	121.8	69.4	146.1	109.0
1934	118.7	130.6	123.5	83.8	178.7	104.6
1935	109.6	140.0	132.6	95.0	218.0	106.3
1936	107.5	144.8	148.9	113.6	204.5	108.7
1937	105.8	146.3	142.6	131.0	153.9	109.5
1938	113.0	163.5	154.7	131.5	241.6	109.7
1939	111.5	159.8	156.1	142.0	275.3	111.9
1940	113.0	177.1	178.9	148.4	330.3	112.8
1941	114.4	215.6	230.3	182.0	512.4	116.0
1942	107.5	250.8	246-4	216.5	1698 . 9	122.5
1943	101.6	224.0	226.2	192.2	1,548.3	133.4
1944	91.7	229.2	256.5	207.6	1,998.9	138.9
1945	85.3	251.4	288.9	219.8	2,448.5	900.000
		. 1				
				1		

Source of data: Table 10.

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Table 12

Per Capita Production of Fat-Containing
Dairy Products in the United States

-			Wirenemated and			Market milk
			Evaporated and condensed		Powdered	and market
Year	Buttera	Cheese	milk	Ice cream		creamb
Tear	Duccer	Pour		Gallons		ounds
		100	110.5	Gallons		Ounas
1925	17.3	3.9	15.3	1.9	•08	351.9
1926	17.8	3.7	14.9	1.8	09	352.4
1927	17.8	314	15.7	1.9	10	351.8
1928	17.2	3.7	16.0	1.9	.08	352.7
1929	17.6	4.0	18.2	2.1	11	354.6
1930	17.2	4.1	16.9	2.0	12	351.6
1931	17.8	4.0	15.9	1.7	.10	349.2
1932	18.2	3.9	16.3	1.2	10	353.0
1933	18.7	4.3	17.1	1.2	10	350.9
1934	18.6	4.6	17.2	1.4	13	334.6
1935	17.1	4.9	18.3	1.6	.15	337.7
1936	16.6	5.0	20.4	1.9	14	343.0
1937	16.3	5.0	19.5	2.2	.11	343.5
1938	17.3	5.6	20.9	2.2	:17	341.7
1939	16.9	5.4	21:0	2:3	:19	345.5
1940	17.0	6.0	23.8	2.4	:22	345.5
1941	17.0	7.2	30.5	2.9	-34	352:1
1942	15.9	8.3	32.4	3.5	46	370.4
1943	14.8	7.3	29.1	3.0	1.01	395.0
1944	13.2	7.4	32.6	3.2	1.29	406.5
1945 ^c	12.1	8.0	36.3	3.4	1.56	era tang

a Includes butter made on farms.

c Preliminary.

Source of data: Computed from tables 1 and 10.

b Includes milk and cream consumed on farms.

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Table 13

Total Production of Selected Nonfat Dairy Products in California, 1925-1945

Skim milk tured butter- pot, and cul- contemed Cottage, and and cul- pot, and cul- and condensed Evaporated Fundan bukers Evaporated condensed condensed 1 1 2 3 4 1 5 352 1 <			Buttermilk				Nonfat o	dry milk	., .	
Skim milk tured butter- pot, and consumption condensed condensed condensed condensed condensed consumption consumption cheese stir milk buttermilk buttermilk 1925 1,006 3,939 6,820 8,813 5,352 1926 1,532 3,431 9,803 9,612 6,917 1928 1,532 3,433 8,173 30,087 16,528 1928 1,542 5,423 17,103 20,087 16,528 1929 2,739 6,239 19,803 3,612 6,917 1929 2,739 6,239 19,828 13,430 3,538 1930 2,1475 12,030 5,536 3,538 931 1,632 6,364 19,982 12,117 4,910 932 2,543 19,982 12,117 4,910 933 4,151 5,731 16,884 14,127 3,268 934 1,917 5,743 19,982 12,117 4,910 935 3,872 6,356				ttag	Evaporated	Evaporated	soli	ids	-	
Year for human milk for human bukers condensed condensed 1 20 3 4 5 1 1 2 3 4 5 5 1925 1,006 2,939 6,820 8,813 5,352 1926 1,532 3,862 9,803 9,612 6,917 1928 1,642 5,423 17,103 20,087 16,628 1928 2,739 6,239 19,483 13,433 16,628 1928 2,739 6,864 17,103 20,519 3,398 1930 2,133 6,184 13,433 13,433 13,433 1,940 2,543 19,483 13,433 3,186 933 2,184 5,543 19,617 12,936 4,943 934 1,917 5,543 19,884 14,137 3,268 935 3,902 9,234 25,265 17,943 5,923 940 5,2		Skim milk	butter	ئ	and	and		For human	Dry or	
Year consumption cheese skir_nilk buttermilk 1925 1 2 3 4 5 1926 1,532 3,939 6,820 8,813 5,352 1926 1,532 3,431 9,803 9,612 6,917 1926 1,532 3,465 9,803 9,612 6,917 1928 1,532 5,423 17,103 20,697 16,626 1929 2,739 6,239 19,882 13,433 3,398 1930 2,135 6,497 19,483 13,433 3,398 1930 2,543 19,483 13,787 3,386 1930 2,543 19,882 12,030 3,386 1930 2,543 19,882 12,030 3,288 1930 2,543 19,882 12,177 4,910 1931 1,943 16,926 3,288 1,883 2,910 2,926 4,081 1,894 2,936		for human	for	bakers	ondens	dense		ccnsumption	(1)	Dry
1 2 3 4 5 Thousand faillons Th	ea	onsumpti	•-	hees	kim mi	termi	Total	only	buttermilk	casein
Thousand gallons 1925 1,006 2,939 6,820 8,813 5,352 1926 1,552 2,431 8,173 20,087 16,626 1,928 1,576 2,862 9,803 9,612 6,917 1928 1,576 1,642 5,423 17,103 19,612 13,787 19,677 19,677 19,882 13,787 19,882 19,882 19,982 19,107		1	2	3	4	S)		4	ω	6
1926 1,006 3,431 6,820 8,813 5,352 1926 1,532 3,431 8,173 20,087 16,626 1927 1,276 3,862 9,803 9,612 6,917 1928 1,276 5,423 17,103 20,519 3,433 1928 2,739 6,239 19,282 13,430 3,386 1930 2,133 6,497 19,483 13,287 3,386 1931 1,632 6,564 21,475 12,030 5,536 1932 2,133 6,564 21,475 12,893 4,943 1932 2,543 19,617 12,893 4,943 1940 1,617 12,893 12,944 1,944 1952 2,447 16,884 12,177 4,910 1940 1,273 16,884 14,137 3,186 1941 1,944 1,943 16,844 16,846 14,137 1942 1,943 10,844 25,265 17,943 1,292 1940 10,852 20,06		hous	d gallon			Si	and poun	ds		
1926 1,532 3,431 8,173 30,087 16,628 1927 1,276 3,862 9,803 9,612 6,917 1928 1,642 5,423 17,103 20,519 3,433 1928 1,642 5,423 17,103 20,519 3,433 1929 2,739 6,239 19,483 13,430 3,386 1930 2,133 6,544 19,483 12,430 3,386 1931 2,543 19,617 12,893 4,910 1932 2,543 19,617 12,893 4,910 1934 1,917 5,731 16,884 14,137 3,186 1934 1,917 5,731 16,884 14,137 3,186 1935 3,872 6,356 17,843 16,526 3,268 1940 5,184 8,278 8,28 8,28 4,081 1956 4,836 7,994 25,265 17,943 5,923 1940 2,239 30,305 20,881 6,894 6,894 6,894 <t< td=""><td>92</td><td>1,006</td><td>0.5</td><td>38.</td><td>18,</td><td>35</td><td>7,89</td><td></td><td>615</td><td>-</td></t<>	92	1,006	0.5	38.	18,	35	7,89		615	-
1927 1,276 3,862 9,803 9,612 6,917 1928 1,642 5,423 17,103 20,519 3,433 1928 2,739 6,839 19,288 13,430 3,398 1930 2,133 6,8497 19,483 13,287 3,398 931 1,632 6,564 21,475 13,030 5,536 932 4,151 5,867 19,617 12,893 4,943 933 4,151 5,731 16,884 14,137 4,910 934 1,917 5,543 19,982 12,717 4,910 935 4,151 5,731 16,884 14,137 3,186 934 1,917 18,883 12,717 4,943 935 4,836 7,994 28,265 17,943 5,953 940 5,211 9,237 28,265 17,943 5,923 941 2,943 9,804 28,302 49,629 6,012 942 2,943 9,804 28,302 29,449 5,411 943	92	1,532	,43	,17	0,08	6,62	26,352		CU	(()
1928 1,642 5,423 17,103 20,519 3,433 1929 2,739 6,839 19,288 13,430 3,398 1930 2,133 6,497 19,483 13,287 3,398 1931 1,632 6,564 21,475 12,030 5,536 932 4,151 5,867 19,617 12,893 4,943 933 4,151 5,731 16,884 14,137 4,910 934 1,917 5,731 16,884 14,137 4,910 935 3,872 6,356 17,843 16,926 3,186 936 4,655 8,018 18,883 22,910 5,854 937 18,883 22,910 5,854 4,081 940 5,211 9,804 25,265 17,943 5,923 941 2,943 9,804 25,265 20,881 6,012 942 2,943 9,804 25,302 49,629 6,012 943 2,944 10,457 25,411 1,297 944 <	9	1,276	,86	,80	-	CD	1,56		03	4,283
1929 2,739 6,239 19,882 13,430 3,398 1930 2,133 6,497 19,483 13,287 3,865 1931 1,632 6,564 21,475 12,030 5,536 1932 2,549 19,617 12,030 5,536 1933 4,151 5,867 19,617 12,893 4,943 1933 4,151 5,731 16,884 14,137 4,910 1934 1,917 5,731 16,884 14,137 4,910 1935 3,872 6,356 17,843 16,926 3,268 194 1,917 1,843 16,926 3,268 195 8,278 18,883 22,910 5,824 196 8,278 18,883 22,910 5,824 197 5,211 9,239 20,305 20,881 6,824 197 5,211 9,804 25,065 49,629 5,012 197 2,934 10,852 25,693 45,173 5,015 197 2,934 10,457 <td< td=""><td>92</td><td>1,642</td><td>5,42</td><td></td><td></td><td>1</td><td>,79</td><td></td><td>,04</td><td>7,053</td></td<>	92	1,642	5,42			1	,79		,04	7,053
1930 2,133 6,497 19,483 13,287 3,865 931 1,632 6,564 21,475 12,030 5,536 932 2,549 5,867 19,617 12,030 5,536 933 4,151 5,543 19,982 12,717 4,910 934 1,917 6,356 17,843 16,266 3,268 935 3,872 6,356 17,843 16,926 3,268 935 4,655 8,018 19,801 22,505 4,081 936 4,836 7,994 25,265 17,943 5,854 940 5,211 9,239 20,305 20,881 6,824 940 5,211 9,239 20,305 20,881 6,824 941 2,943 10,244 25,265 7,032 942 2,943 10,244 25,265 6,012 943 10,244 25,693 39,449 5,411 944 10,457 29,451 1,297 945 3,385 11,792 35,950	92	2,739	,23	5	10	(4.)	65		,63	9
931 1,632 6,564 21,475 12,030 5,536 932 2,549 5,867 19,617 12,895 4,943 933 4,151 5,731 16,884 14,137 3,186 934 1,917 5,731 16,884 14,137 3,186 935 3,872 6,356 17,843 16,926 3,286 936 4,655 8,018 19,801 22,505 4,081 937 5,184 8,278 18,883 22,910 5,854 937 5,184 8,278 18,883 22,910 5,854 938 4,836 7,994 25,265 17,943 5,854 940 5,211 9,239 20,305 20,881 6,824 941 2,943 9,804 25,265 20,881 6,824 942 3,791 10,244 25,693 39,449 5,411 943 2,994 10,852 26,009 45,173 5,015 944 2,385 11,792 35,950 41,225	9	-	4	S	∞	∞	,78		,01	11,806
.932 2,549 5,867 19,617 12,893 4,943 .933 4,151 5,543 19,982 12,717 4,910 .934 1,917 5,731 16,884 14,137 3,186 .935 3,872 6,356 17,843 16,926 3,286 .935 4,655 8,018 19,801 22,505 4,081 .937 5,184 8,278 18,883 22,910 5,854 .938 4,836 7,994 25,265 17,943 5,923 .940 5,211 9,239 20,305 20,881 6,824 .940 5,211 9,804 25,076 20,881 6,824 .941 2,943 9,804 25,076 20,260 7,032 .942 2,943 10,244 25,693 39,449 5,411 .943 2,943 10,852 26,009 45,173 5,015 .944 10,457 29,451 40,944 1,297 .945 3,385 11,792 35,950 41,225	O	9	N	-	12,030	10	41		,65	43
933 4,151 5,543 19,982 12,717 4,910 934 1,917 5,731 16,884 14,137 3,186 935 3,872 6,356 17,843 16,926 3,268 936 4,655 8,018 19,801 22,505 4,081 937 5,184 8,278 18,883 22,910 5,854 938 4,836 7,994 25,265 17,943 5,854 940 5,211 9,239 20,305 20,881 6,824 940 5,211 9,804 25,265 17,943 5,923 941 2,943 9,804 25,302 49,629 5,012 942 2,943 9,804 25,693 39,449 5,411 943 2,944 10,244 25,693 39,449 5,411 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,950 41,225	S)	2,549		တ်	9	(3)	5,6		12,	44
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935 3,872 6,356 17,843 16,926 3,268 936 4,655 8,018 19,801 22,505 4,081 937 5,184 8,278 18,883 22,910 5,854 938 7,994 25,265 17,943 5,854 939 3,902 9,239 20,305 20,881 6,824 940 5,211 9,804 25,076 20,881 6,824 941 2,943 9,804 25,076 20,881 6,012 942 3,791 10,244 25,693 39,449 5,411 943 2,994 10,457 29,451 40,944 1,297 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,990 41,225	\circ	1,917		6	[K.]	-	3,12		,11	11,012
936 4,655 8,018 19,801 22,505 4,081 937 5,184 8,278 18,883 22,910 5,854 938 4,836 7,994 25,265 17,943 5,923 939 3,902 9,239 20,305 20,881 6,824 940 5,211 9,237 25,076 20,881 6,824 941 2,943 9,804 25,076 20,260 7,032 942 3,791 10,244 25,693 39,449 5,411 943 2,994 10,852 26,009 45,173 5,015 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,990 41,225	0	3,872		7	CV.	\sim	43,842	31,282	,04	•
937 5,184 8,278 18,883 22,910 5,854 938 4,836 7,994 25,265 17,943 5,923 939 3,902 9,239 20,305 20,881 6,824 940 5,211 9,237 25,076 20,260 7,032 941 2,943 9,804 25,302 49,629 5,012 942 3,791 10,244 25,693 39,449 5,411 943 2,994 10,852 26,009 45,173 5,015 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,990 41,225	Q)	4,655		o	\bigcirc	(7,10	,34	,54	11,156
938 4,836 7,994 25,265 17,943 5,923 939 30,305 20,881 6,824 940 5,211 9,237 25,076 20,260 7,032 941 2,943 9,804 25,302 49,629 5,012 942 3,791 10,244 25,693 39,449 5,013 943 2,994 10,852 26,009 45,173 5,015 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,950 41,225	O.	5,184	•	ω		α	7,12	35,211	90	91
939 3,902 9,239 30,305 20,881 6,824 940 5,211 9,237 25,076 20,260 7,032 941 2,943 9,804 25,302 49,629 5,012 942 3,791 10,244 25,693 39,449 5,411 943 2,994 10,852 26,009 45,173 5,015 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,950 41,225	9	∞	•	Ŝ	Q,	0	5	9,49	,03	•
940 5,211 9,237 25,076 20,260 7,032 941 2,943 9,804 25,302 49,629 6,012 942 3,791 10,244 25,693 39,449 5,411 943 2,994 10,852 26,009 45,173 5,015 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,990 41,225	93	9	•	Ó	∞	(3)	5,79	38,069	84	-
941 2,943 9,804 25,302 49,629 5,012 942 3,791 10,244 25,693 39,449 5,411 943 2,994 10,852 26,009 45,173 5,015 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,990 41,225	1940	α	•	ر ت	0,26	33	M)	45,563	2,883	11,815
942 3,791 10,244 25,693 39,449 5,411 943 2,994 10,852 26,009 45,173 5,015 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,990 41,225	1941	94	•	υ,	9,62	Z	7,81	5,17	28	•
943 2,994 10,852 26,009 45,173 5,015 944 10,457 29,451 40,944 1,297 945 3,385 11,792 35,990 41,225	94	79	0,8	υ,	9,44	4	3,74	9,28	27	
944 10,457	94	99	0,8	9	5,1		3,45	9	758	3,445
945 3,385 11,792 35,990 41,225	94		0,4	6	0,94	60	8,00	85	0.3	-
	94	, 38	1,79	Ď	1,22	1	32,119	1,52	10	2,668
					ger de des agr		managen descripe			
									Continued	

		Buttermilk				Nonfat	Nonfat dry milk		
		and cul-	Cottage,	Evaporated	Evaporated	00	solids		
	Skim milk	tured butter-	pot, and	and	and		For human	Dry or	
	for human	for human milk for human	bakers	condensed	condensed		consumption	powdered	Dry
Year	consumption	consumption	cheese	skim milk	buttermilk	Total	only	buttermilk!	casein
	r-1	2	2	4	5	9	7	ω	6
	Thouse	Thousand gallons			Thousa	Thousand pounds	S		
1925-1929	1,639	4,579	12,236	16,492	6,146	34,920		2,470	5,460
1930-1934	2,476	6,040	19,488	13,013	4,488	46,711	9	4,103	10,546
1935-1939	4,490	7,977	22,419	20,233	5,190	50,641	35,480	2,884	10,606
1940-1944	3,735a	10,034	26,300	39,091	4,953	57,296	49,749	1,429	7,344

a Four year average, 1940-1943.

Sources of data: Cols. 1 and 2: Cal. Dept. Agr. Annual Statistical Reports of California Dairy Products. Cols. 3 to 9: U.S. Dept. Agr. Bur. Agr. Econ. Annual Reports on Manufactured Dairy Products.

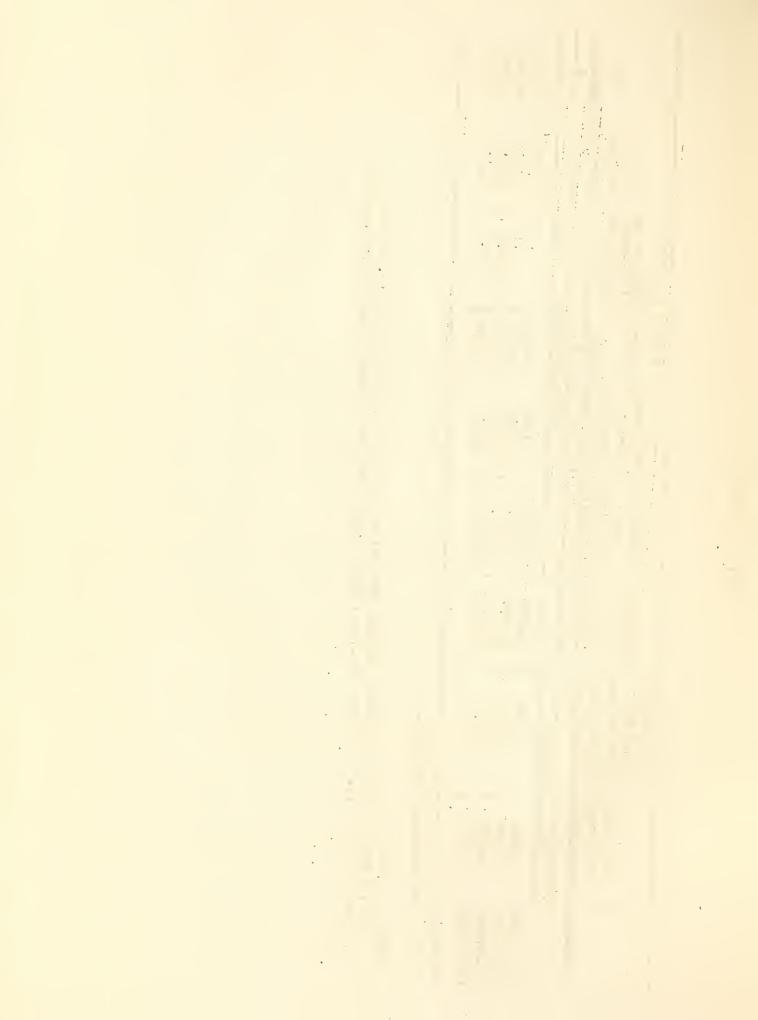


Table 14

Percentage Change in Production of Selected Nonfat-Containing Dairy Products in California, 1925-1945

1925 = 100

Skim milk Buttermilk Cutage Despetated Evented and and and and and and and and and an										
Skim milk tured butter Dottage Dottage			Buttermilk				Nonfai	dry mi		
Year Orneland and and and condensed For human Dry or consumption Dry or consumption <td></td> <td></td> <td>cul</td> <td></td> <td>Evaporated</td> <td>Evaporated</td> <td>S</td> <td>olids</td> <td></td> <td></td>			cul		Evaporated	Evaporated	S	olids		
Tor. Tournation milk for human bakers condensed		Skim milk	butter	pot, and	and	and		For human	Dry or	
Year Consumption consumption cheese side milk buttermilk Total buttermilk consumption 1925 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1926 152.3 87.1 119.8 24.2 100.0 100.0 100.0 100.0 1926 152.3 87.1 119.8 24.2 109.1 129.2 252.3 476.3 88 1927 126.8 96.0 145.7 150.4 129.2 252.3 476.3 88 1930 212.0 164.9 285.7 150.4 55.2 259.7 494.8 147 1931 212.0 166.6 285.7 150.4 55.9 259.7 259.4 256.9		for human	for	bakers	condensed	condensed		consumption	powdered	Dry
1925 100.0	ea ea	consumption	nsumpti	hee		buttermilk	듸	only	buttermilk	cssein
1926 152.3 87.1 119.8 241.4 310.7 147.3 541.4 511.4 310.7 147.3 569.0 746.3 569.0 746.3 569.0 746.3 769.0 722.3 747.3 769.0 722.3 746.3 769.0	N	00	00	00	100.0	100.0	00	ing. an ar	00	
1927 126.6 96.0 143.7 109.1 129.2 235.6 476.3 476.3 88 1928 103.2 153.2 252.6 64.1 235.6 494.8 147.3 1928 103.2 158.4 158.4 65.5 262.7 494.8 147.1 1930 212.0 164.9 285.7 156.4 72.2 239.1 76.2 1931 162.2 166.6 344.9 136.5 103.4 270.6 76.2 1932 212.0 166.6 344.9 136.5 103.4 270.6 76.3 1934 412.6 144.3 91.7 299.4 76.3 272.2 197 1934 190.6 145.5 247.6 144.3 91.7 299.4 76.3 252.2 197 272.2 197 1934 412.6 160.4 256.4 160.4 256.4 167.8 272.2 197 272.2 272.2 197 272.2	3	52.			341.4	310.7	47		208.0	4
1928 163.2 183.2 187.7 250.6 222.6 64.1 233.6 494.8 144 1928 272.3 158.4 282.7 152.4 65.5 262.7 494.8 145 1930 212.0 164.4 282.7 155.4 72.2 239.1 756.9	_0,	26.	ဏ	143.7		129.2	322			
1929 272.3 158.4 282.7 158.4 63.5 262.7 429.1 158.4 1930 212.0 164.9 285.7 156.8 72.2 259.1 756.9 286.7 1931 166.2 164.9 285.7 156.8 72.2 259.1 756.9 286.7 286.7 286.9 286.7 286.9	_03	63.	37	250.8		64.1	33			47
1930 212.0 164.9 285.7 150.8 72.2 239.1 776.6 776.9 246.1 270.6 770.6 776.9 270.6 776.9 270.6 776.9 270.6 7	9	72.	57	282.7	50	163	62		29.	59
1931 162.2 166.6 314.9 136.5 103.4 270.6 756.9 236 1932 253.4 148.9 287.6 146.3 92.4 255.2 522.4 197 1934 190.6 148.9 287.6 144.3 59.5 241.0 552.2 197 1935 384.9 161.4 241.6 192.1 61.1 241.7 495.1 220 1936 462.7 263.6 260.3 265.4 76.3 263.3 271.6 271.7 271.7 271.7 271.7 271.7 271.7 271.7 271.7 271.7 272.6 171.4 272.6 271.7 272.6 271.7 272.6 271.7 272.6 271.7 272.6 271.7 272.6 271.7 272.6 271.7 272.6 271.7 272.7 272.7 272.7 272.7 272.7 272.7 272.7 272.7 272.7 272.7 272.7 272.7 272.7 272.7 272.7 <td>93</td> <td></td> <td>64.</td> <td>285.7</td> <td>50</td> <td>7.2.2</td> <td>9</td> <td></td> <td>∞</td> <td>46</td>	93		64.	285.7	50	7.2.2	9		∞	46
1932 253.4 148.9 287.6 146.3 92.4 255.2 522.4 197 1933 412.6 140.7 247.6 160.4 59.4 552.2 191 1934 190.6 145.5 247.6 160.4 59.4 572.2 191 1935 384.9 161.4 247.6 160.4 59.1 241.0 572.2 191 1936 462.7 203.6 290.3 255.4 76.3 241.0 495.1 233 1937 210.2 276.9 260.0 109.4 263.4 414.3 233 1938 480.7 202.9 370.5 260.0 100.4 263.4 414.3 234.6 244.6 1940 292.5 248.9 371.0 289.9 131.4 254.7 468.8 247 1941 292.5 248.9 371.0 563.1 131.4 266.3 189.6 1942 276.8 247.6 247.6	93	162.2	9	314.9	36	03	0			36
1933 412.6 140.7 293.0 144.3 91.7 299.4 572.2 191 1934 190.6 145.5 247.6 160.4 59.5 241.0 505.9 280 1935 384.9 161.4 261.6 160.4 59.5 241.0 505.9 280 1936 462.7 203.6 290.3 255.4 76.3 262.9 324.6 28	CD3	253.4	$\overset{\bullet}{\infty}$	287.6	146.3	CJ	55			
1934 190.6 145.5 247.6 160.4 59.5 241.7 505.9 230 1935 384.9 161.4 261.6 192.1 61.1 241.7 495.1 223 1936 462.7 203.6 290.3 255.4 76.3 263.2 241.7 233.2 1937 462.7 203.6 276.9 260.0 109.4 265.4 414.3 234.6 284.6 1938 462.7 200.0 110.7 255.0 324.6 444.4 236.9 127.5 324.6 462.9 189.1 462.9 189.1 462.9 189.1 462.9 189.1 462.9 189.1 462.9 189.1 462.9 189.2 189.	α	412.6	0	293.0	144.3	91.7	99		o.	191.1
1935 384.9 161.4 261.6 192.1 61.1 241.7 495.1 223 1936 462.7 203.6 255.4 76.3 263.3 414.3 233 1936 462.7 203.6 109.4 263.4 354.6 284.6 1938 462.7 202.9 203.6 116.7 235.0 656.3 181 1938 387.9 234.6 444.4 226.9 127.5 311.9 462.9 189 1940 292.5 248.9 371.0 563.1 112.3 523.1 462.9 189 1942 292.5 248.9 371.0 563.1 112.3 523.1 462.9 189 1942 276.8 260.1 376.7 447.6 101.1 356.3 206.7 155 1942 276.8 260.1 376.7 447.6 101.1 266.3 189 1944 255.5 381.4 467.8	CD	190.6	5	247.6	160.4	59.5	41		5	230.2
1936 462.7 203.6 290.3 255.4 76.3 263.3 414.3 233 1937 515.3 210.2 276.9 260.0 109.4 265.4 324.6 284 1938 480.7 202.9 370.5 203.6 110.7 235.0 181 1939 281.0 224.6 444.4 236.9 127.5 311.9 656.3 181 1940 292.5 248.9 371.0 563.1 112.3 353.1 266.9 266.3 189 468.8 247 266.9 266.3 189 468.8 247 266.9 266.3 189 468.8 247 266.9 266.9 266.3 266.3 266.9 266.3 266.9 266.9 266.3 266.9	α		7	261.6	192.1	61.1	241.7		95.	220.3
1937 515.3 210.2 276.9 260.0 109.4 263.4 324.6 284.6 1938 480.7 202.9 370.5 203.6 116.7 355.0 656.3 181 1939 387.9 254.6 444.4 236.9 127.5 311.9 462.9 181 1940 518.0 234.5 367.7 229.9 131.4 354.7 468.8 247 1941 292.5 248.9 371.0 563.1 112.3 356.3 205.5 219 1942 276.8 371.0 563.1 112.3 356.3 206.7 155.0 155.0 155.0 155.0 155.0 155.0 155.0 155.0 155.0 155.0 100.0			203.6	290.3	255.4	76.3	63			233.2
1938 480.7 202.9 370.5 203.6 11C.7 255.0 656.3 181 1939 387.9 234.6 444.4 236.9 127.5 311.9 462.9 189 1940 518.0 234.5 367.7 229.9 131.4 354.7 468.8 247 1941 292.5 248.9 371.0 563.1 112.3 323.1 468.8 247 1942 292.5 248.9 371.0 447.6 101.1 356.3 205.5 219 1942 297.6 275.5 381.4 512.6 93.7 298.6 152.3 72 1944 265.5 451.8 464.6 24.2 266.3 157.6 75 1945 299.4 527.7 467.8 179.5 56.9 56.9 56.9 25-1929 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 36	\odot		210.2	9	260.0	60	63.			5
1939 387.9 234.6 444.4 236.9 127.5 311.9 462.9 189 1940 518.0 234.5 367.7 229.9 131.4 354.7 468.8 247 1941 292.5 248.9 371.0 563.1 112.3 323.1 205.5 219 1942 376.8 260.1 376.7 447.6 101.1 356.3 206.7 155 1942 276.8 260.1 376.7 447.6 101.1 356.3 206.7 155 1944 265.5 431.8 464.6 24.2 266.3 157.6 75 1945 356.5 356.5 100.0 1	\sim	480.7		\circ	203.6	10	57		56.	$\overline{}$
1940 518.0 234.5 367.7 229.9 131.4 354.7 468.8 202.5 1941 292.5 248.9 371.0 563.1 112.3 323.1 205.5 205.5 1942 376.8 260.1 376.7 447.6 101.1 356.3 206.7 206.7 1942 27.6 275.5 381.4 512.6 93.7 298.6 123.3 206.7 123.3 1944 265.5 431.8 464.6 24.2 266.3 157.6 157.6 1945 336.5 299.4 527.7 467.8 179.5 56.9 56.9 25-1929 100.0	0			4		27	11.			83
1941 292.5 248.9 371.0 563.1 112.3 323.1 205.5 2 1942 376.8 260.1 376.7 447.6 101.1 356.3 206.7 2 1942 276.8 260.1 376.7 447.6 101.1 356.3 206.7 1 1943 297.6 275.5 381.4 512.6 24.2 268.3 157.6 1 1944 265.5 431.8 464.6 24.2 268.3 157.6 157.6 1945 356.5 299.4 527.7 467.8 179.5 56.9 25-1929 100.0 100.0 100.0 100.0 100.0 100.0 30-1934 151.1 131.9 159.2 78.9 73.0 133.8 166.1 166.1 35-1939 277.9 215.0 237.0 80.6 164.1 57.9 116.3	(1)	518.0	234.5		229.9	31	54		α)	47.
1942 376.8 260.1 376.7 447.6 101.1 356.3 206.7 1 1943 297.6 275.5 381.4 512.6 93.7 298.8 153.3 153.3 153.3 153.3 153.3 153.3 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 157.6 156.9 166.9 166.9 166.9 166.9 166.9 166.9 166.1	(3)					112.3	23			6
1943 297.6 275.5 381.4 512.6 93.7 298.6 153.3 1944 265.5 431.8 464.6 24.2 268.3 157.6 1945 299.4 527.7 467.8 179.5 56.9 1945 356.5 299.4 527.7 467.8 179.5 56.9 25-1929 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 166.1 166.	94		0	9	-	01	56.			52
1944 265.5 431.8 464.6 24.2 266.3 157.6 1945 336.5 299.4 527.7 467.8 179.5 56.9 25-1929 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 166.1	94		5	-	512.6	3	9		(1)	ců.
1945 336.5 299.4 527.7 467.8 179.5 56.9 25-1929 100.0<	94		0	Ţ	64	4	68		57	2
25-1929 100.0 100.0 100.0 100.0 100.0 100.0 30-1934 151.1 131.9 159.2 78.9 73.0 133.8 166.1 166.1 40-1944 227.9 219.1 215.0 237.0 80.6 164.1 57.9	4	36.	99.	7	67	1	6		9	5
25-1929 100.0 100.0 100.0 100.0 100.0 100.0 30-1934 151.1 131.9 159.2 78.9 73.0 133.8 166.1 166.1 35-1939 273.9 174.2 183.2 122.7 84.4 145.0 116.8 116.8 40-1944 227.9 219.1 215.0 237.0 80.6 164.1 57.9 1										
25-1929 100.0 100.0 100.0 100.0 100.0 30-1934 151.1 131.9 159.2 78.9 73.0 133.8 166.1 166.1 35-1939 273.9 174.2 183.2 122.7 84.4 145.0 116.8 116.8 40-1944 227.9 215.0 237.0 80.6 164.1 57.9					925-1	11				
30-1934 151.1 131.9 159.2 78.9 73.0 133.8 166.1 1 35-1939 273.9 174.2 183.2 1.22.7 84.4 145.0 116.8 1 40-1944 227.9 219.1 215.0 237.0 80.6 164.1 57.9 1	25-192	100	100.0	0	100.0	1.00.0	00			100-0
35-1939 273.9 174.2 183.2 122.7 84.4 145.0 116.8 194 40-1944 227.9 219.1 215.0 237.0 80.6 164.1 57.9 134	30-193	151	131.9	0	78.9	73.0	33		166.1	193.1
40-1944 227.9 219.1 215.0 237.0 80.6 164.1 57.9 134.	35-193	273	174.2	3	122.7	84.4	45		116.8	94
	40-194	227	19.	10	37.	0	64.		7 •	34.

Source of data: Table 13.

Table 15

Per Capita Production of Selected Nonfat-Containing Dairy Products in California, 1925-1945

	** *		Dry	caseln		1.03	•74	.84	1.33	53	0	1.94	•6	1.53	1.82	1.71	1.76	2.08	1.31		1.70	1.45	-97	. 41	.41	.30	1.06	1.79	1.63	.94	
		Lry or	powdered	Durterm11K		.13	79.	58	•57	• 48	1.05	08.	.55	•59	.51	64.	.40	.31	.61	.42	.41	-17	.17	60.	.11	.04	.49	.70	*44	.18	
dry milk	ids	For human	consumption	ATGO			·		S. 100	de de court	an respect to	and area	a ton eq	g. 100 m	-	5.07	203		6.	9.	6.54	52	7.74	-	5.35	.5	emander de s	-	5.46		
Nonfat	sol		F 1	Total	Pounds	ധ	5.43	4	9	8.52	4	8.31	7.75	86.98	7.12	7.00	7.43	•	•		9.11		8.32	.3	5.48	9•	∞	7.93	7.79	7.33	
	Evaporated	and	condensed	butterm11K		4	3.43	5	.65	.62	.68	.95	-84	-82	.53	.53	• 64	06*	68.	1.01	1.01	.83	.71	• 59	.15	1	1.21	.76	.80	.63	
	Evaporated	and	ndens	skim milk	40	1.90	6.20	1.89	0.88	2.44	2.33	2.07		2.13	2.33	2.74	3.55	3.51	2.70	30-5	2.91	6.87	5.15	5.33	4.68	4.67	3.25	2.21	3.11	2.00	
	Cottage,	pot, and	bakers	cheese		2	1.68	Q1	N	.5		3.69		3.35	2.79	2.89	3.12	2.89	3.80	4.47	3.60	3.50	3,35	3.07	3.36	4.08	2.41	143	3,45	70	:
Buttermilk	and cul-	tured butter-	milk for human	consumption	ons	85	.71	.76	1.02	1.13	1.14	1.13	1,000	.93	.95	1.03	1.26	1.27	1.20	1.36	1.33	3	.3	1.28	4	1.34	06.	1.03	1.23		
		Skim milk	for human	consumption	Gallo	22	.32	.25	.31	•50	.37	-28	.43	.70	.32	.63	.73	•79	•73	.58	.75	.41	•49	.35	1	• 38	32	.42	69.	.48	
				Year		1925	1926		0,	S	S	1931	93	6	5	Gi	S	1937	0,	0	1940		1942	1943	1944	1945	1925-1929	1930-1934	1925-1939	940-19	

Source of data: Tables 1 and 13.

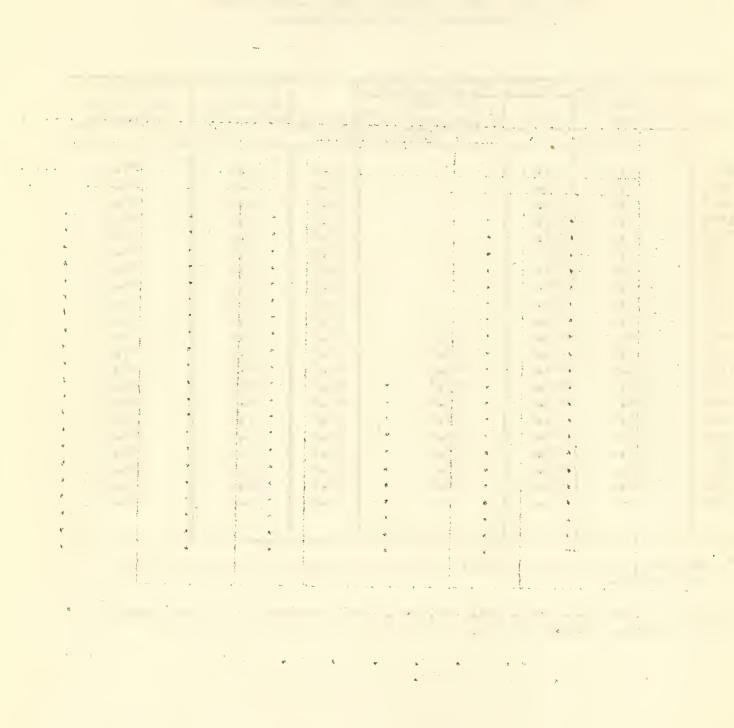


Table 17

Percentage Change in Production of Selected MonfatContaining Dairy Products in the United States

1925 = 100

	Cottage, pot,	L Manfort	dry milk solids	F	Dried or	Condensed or
	and bakers	Mennac	For human		produced	evaporated
Year	cheese	Total		Casein	buttermilk	buttermilk
Tear	CHEESE	10041	Gonsumperon only	CaseIII	DUCCETHILIK	DOCCCLUTTK
1925	100.0	100.0		100.0	100.0	100.0
1926	114.3	125.1		101.8	155.4	112.5
1927	127.2	161.1		108.4	190.1	128.7
1928	147.1	201.9		133.7	225.2	132.9
1929	159.5	283.2		183.7	268.3	139.2
1930	164.0	355.7		253.0	319.8	125.0
1931	170.8	357.3		212.7	250.0	84.2
1932	173.9	368.6		147:0	241.1	67.7
1933	169.6	393.0		145.2	263.9	65.1
1934	173.4	402.3		224.7	265.3	85.2
1935	184.2	405.9		226.5	246.5	91.4
1936	201.7	476.8		277.7	251.5	116.2
1937	222.5	507.8		406.6	262.9	114.0
1938	240.8	613.0		292.2	316.3	116.1
1939	280.2	557.2		246.4	307.9	135.3
1940	292.9	657.3		280.7	336.1	145.0
1941	315.3	650.1		284.9	374.3	166.3
1942	324.4	854.8		254.8	344.6	220.5
1943	359.5	728.4		110.8	302 0	217.0
1944	381.2.	817.1		89.8	280.2	203.4
1945	nh ma	902.2		71.7	240.1	206.1
				1 144 🖷 1	22001	1,00 4 %

Source of data: Table 16.

Janes Carlotte 1 * * () 100 • W to the second se 4 9 -, y . . . 4 • . . * 1. . (. 11. 4 1 1.10 . 8. 6 fo 1 1 7 f y trans or the street and the state of the Compared to the second s

Table 18

Per Capita Production of Nonfat - Containing
Dairy Products in the United States

	and an about the state of the s		e. Opposition of the contract	ng kanadanaka sebarakan awa aka seba	andre i Marcallina della especiale e della especiale della esp	
		Honfat	, dry milk solids		Dried or	Condensed or
	and bakers		For human		produced	evaporated
Year	cheese	Total	consumption only		buttermilk	buttermilk
	to the stage place also also also also also also also also	yan ar anan manan manan ma	Pound	S	ygevindige dide. Sin - Mr. dan sight helps gar unter Helenste	gazanjan kora keralinakan dingan ahir dan saharakan disebagai
200	=0					
1925	• 52	•64		.14	.18	•67
1926	•58	•79		.15	•27	•74
1927	•64	1.00		•15	•32	•84
1928	•73	1.23		.19	•38	.86
1929	•78	1.71		.25	•45	•88
1930	• 79	2.12		•34	•52	•78
1931	•82	2.11		.28	•41	• 52
1932	•83	2.16		-20	•39	42
1933	•80	2.29		.19.	.42	•40
1934	.82	2.33		•30	•42	52
1935	•86	2.34	1.47	•30	•39	•55
1936	.94	2.73	1.75	•36	•40	•70
1937	1.03	2.89	1.90	-52	•41	•68
1938	1.10	3.46	2.23	•37	.49	. 69
1939	1.27	3.12	2.05	.31	·4:8	.80
1940	1.32	3.65	2.44	•35	•51	•85
1941	1.41	5.58	2.75	•36	•57	.96
1942	1.44	4.69	4.23	.32	.52	1.27
1943	1.57	5.91	3.73	.13	.45	1.23
1944	1.64	4.34	4.22	.11	.41	1.14
1945		4.73	4.60	.09	•35	1.14
			Emiliaria de ambiento del arramado estrançan de la miser aspaina	Income a manual	the second of concepts with the second	

Source of data: Tables 1 and 16.

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Table 19

Estimated Percentage Utilization of Commercial Milk Production -- California

		1	I		Evaporated		1
				1	and		
	Market	Market			condensed		
Year	milk	cream	Butter	Cheese	milk	Ice cream	Miscellaneous
700#	00:0		4.5			- 0	0.1.7
1925	26.0	9.0	48.0	1.9	8.0	5.0	2.1
1926	27.6	11.6	46.1	1.6	8.3	4.7	0.1
1927	28.8	9.2	43.4	1.9	9.4	4.6	2.7
1928	29.5	9.6	42.3	2.0	8.5	4.9	5.2
1929	29.9	10.4	39.5	1.9	9.1	5.1	4.1
1930	29.0	10.6	39.2	1.9	9.6	4.7	5.0
1931	29.3	11.0	38.7	1.9	10.0	4.4	4.7
1932	27.7	11.1	39.5	2.4	10.8	3.3	5.2
1933	26.2	9.8	40.9	3.3	11.3	3.0	5.5
1934	28.1	10.1	38.4	3.2	10.3	3.8	6.1
1935	30.1	11.3	35.7	3.2	11.1	4.3	4.5
1936	29.0	11.6	34.2	3.2	11.3	4.7	6.0
1937	31.8	11.3	34.4	3.4	8.6	4.8	5.7
1938	31.9	12.5	34.6	3.4	9.0	4.8	3.8
1939	31.8	13.2	32.2	2.7	9.7	5.9	4.5
1940	32.0	12.6	31.8	2.5	11.1	5.7	4.3
1941	33.5	12.1	27.9	2.7	15.4	6.4	2.0
1942	39.6	10.1	22.0	2.8	12.3	7.7	5.5
1943	50.7	3.6	10.5	2.5	11.6	6.2	8.9
1944	47.0	5.2	12.2	1.8	14.4	6.9	12.5
1945	49.3	7.5	6.0	2.0	13.8	8.5	12.9
				2.00	20.0	0.0	2.53
				Supporter to the property of the country of the		the time of time of the time of the time of the time of time of time of the time of time o	The Book and the first of the contract of the

Source of data: California Dept. of Agr. Statistical Report for California Dairy Products. Issues 1925-1945.

